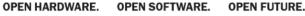


EXPO HALL: PRES. Moving Beyond the Inflection Point: A White Box Perspective

David Fermor
Vice President of Engineering
Delta Products Corporation





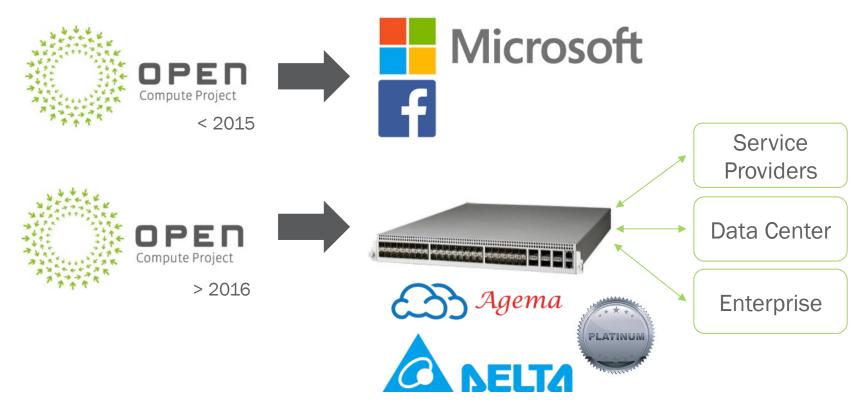












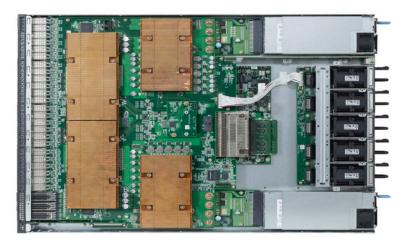


NELTA AGC5648- 25GbE Deep Buffer Switch ()









- Carrier Class Switching:
 - 48 SFP28 + 6 QSFP28
 - Broadcom BCM88680 Jericho+ (2 off)
 - External TCAM: BCM52311 x 2
 - 8GB GDDR5 per BCM88680
 - Sync-E support
- CPU: Intel Broadwell D1548
 - **32GB DDR4**
 - 64GB SSD
 - BMC
 - TPM
- ONIF Install Environment
- 1600W Redundant PSU AC and DC versions

Sample/Product Availability:





AG9064 - Data Center Spine









- Data Center Switching:
 - 64 QSFP28
 - Broadcom BCM56970 (Tomahawk2)
- CPU: Intel Broadwell D1547
 - 32GB DDR4
 - 64GB SSD
 - BMC
 - TPM
- ONIE Install Environment
- 1600W Redundant PSU AC and DC versions

Sample/Product Availability:

COMING SOON



The Delta Advantage









Our Business

Power Electronics

- Embedded Power Supplies
- Mobile Power Supplies
- Industrial and Medical Power Supplies
- Fans and Thermal Management
- Electronic Components for ICT Equipment

Energy Management

- Industrial Automation
- Telecom Power Systems
- UPS & Datacenter Infrastructure
- Automotive Electronics & EV Charging
- Renewable Energy
- Energy Storage Systems

Smart Green Life

- Networking Systems
- Display and Visualization
- vivitek
- LED Lighting
- Healthcare Devices
- Innergie

Solutions

- Industrial Automation Solutions
- Building Automation Solutions
- Datacenter Solutions
- Telecom Network Energy Solutions
- Renewable Energy Solutions
- Display and Monitoring Solutions
- EV Charging Solutions



DNI DELTA NETWORKS, INC.

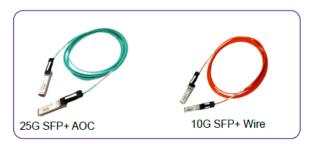


Data Center Architecture with Delta's Products

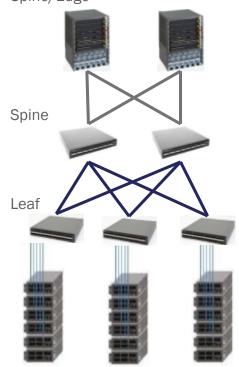


Active Optical Cable





Spine/Edge



Fiber Optical Transceiver









10G SFP+ SR / LR / LR Lite

Server and Storage



The Agema Advantage





Service Provider SW and Integration Partners













Partner Quotes



"Broadcom is pleased to collaborate with Agema to provide the carrier grade deep buffer Ethernet switch solution. Broadcom's partnership with Agema enabled a fast time-to-market, industry-leading networking solution for data centers and service providers, and we look forward to launching many more platforms in the coming months."

- Wei-Ai Tai, Director of Business Development

"By building a disaggregated network with Agema's robust network switches and the OcNOS™ network operating system, large-scale data centers can deliver services faster, easier and at less cost," said Atsushi Ogata, CEO and president of IP Infusion. "With Agema and IP Infusion, enterprises and service providers who want an Open Compute standards-based solution can build their disaggregated network more quickly and gain the greater flexibility and scalability they need."

- Srikanth Krishnamoha, Director of Business Development

"CPLANE NETWORKS is pleased to team with Agema Systems to deliver a truly open solution for advanced cloud networking. Agema's high-performance white box switches, combined with CPLANE's multi-site cloud orchestration, gives enterprises and service providers an ideal platform for software-defined networking. With seamless integration to the industry-leading OpenStack virtual infrastructure manager, the Agema/CPLANE solution enables customers to quickly deploy multi-site clouds within the data center for agile workload placement, and at the network edge for NFV and IoT."

- Brandon Williams, CEO CPLANE NETWORKS



Next Steps with OCP

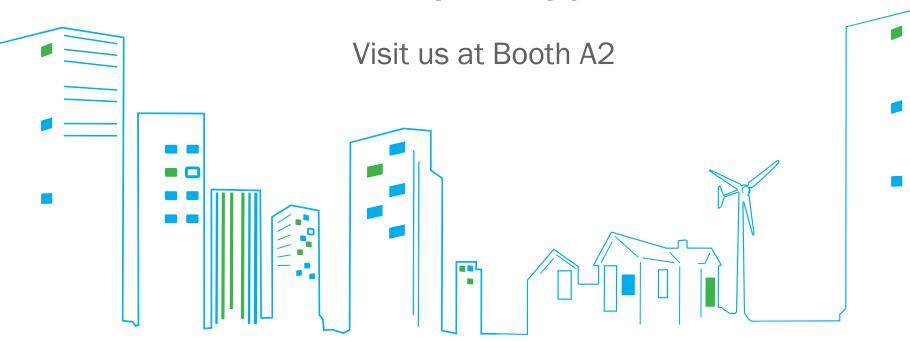


- 1. Agema is working with UNH-IOL to define critical use-cases, beyond Layer 1, which are candidates for more advanced inter-op and certification reference platforms:
- a) Data Center
- b) Enterprise
- c) Service Provider CORD
- d) Service Provider Mobile Backhaul
- 2. Licensing As OCP evolves to serve the white-box industry further we request that the licensing framework also evolves to respect the intellectual property that exists within the state-of-the art platform designs. Delta/Agema propose that developing a certification capability at the functional level will act as a catalyst and enabler for greater participation within OCP at both the HW and SW level.





Thank You















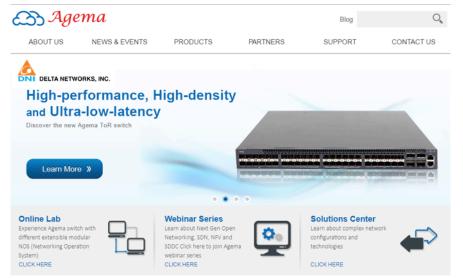


The Agema Advantage

















CPLANE NETWORKS

Applications, say hello to your new network!™

Service Provider **SW** and Integration **Partners**





Open Networking USER GROUP



